

Title (en)
Washing machine

Title (de)
Waschmaschine

Title (fr)
Lave-linge

Publication
EP 1634985 A1 20060315 (EN)

Application
EP 05103537 A 20050428

Priority
KR 20040071895 A 20040908

Abstract (en)
A washing machine for minimizing damage to laundry and enabling effective washing of the laundry. The washing machine includes a water tub, a drum and a control unit. The drum is installed in the water tub so as to rotate in a forward and/or a reverse direction. The control unit controls the rotation directions and angles of the rotation of the drum to cause an asymmetric swing motion of the drum.

IPC 8 full level
D06F 35/00 (2006.01); **D06F 37/30** (2006.01)

CPC (source: EP US)
D06F 35/006 (2013.01 - EP US)

Citation (search report)
• [PX] EP 1524357 A2 20050420 - LG ELECTRONICS INC [KR]
• [E] EP 1559826 A2 20050803 - WHIRLPOOL CO [US]
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01 30 January 1998 (1998-01-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 518 (C - 0999) 26 October 1992 (1992-10-26)

Cited by
CN111058226A; CN111058230A; DE102008021198A1; DE102008021198B4; CN101818434A; CN102449220A; US9822473B2; US9932699B2; US10533275B2; US8776297B2; WO2011019203A3; US8713736B2; US8763184B2; WO2021197899A1; US8746015B2; US8914931B2; WO2009017361A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1634985 A1 20060315; JP 2006075587 A 20060323; KR 20060023067 A 20060313; US 2006048548 A1 20060309

DOCDB simple family (application)
EP 05103537 A 20050428; JP 2005130040 A 20050427; KR 20040071895 A 20040908; US 11079405 A 20050421